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Agricultural Marketing Service

Volume 17, No. 1 January -- March 1989

Plant Variety Protection Office Official Journal







PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office Agricultural Marketing Service U. S. Department of Agriculture Rm. 500, NAL Bldg. 10301 Baltimore Blvd. Beltsville, Maryland 20705

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JANUARY 1, 1989 TO MARCH 31, 1989

Applications for protection have been filed for the following varieties. Each application has been assigned an The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred International, Inc. application number and will be examined to determine whether the variety is entitled to a certificate of Busch Agricultural Resources, Inc. Western Plant Breeders, Inc. Rogers Brothers Seed Company United AgriSeeds, Inc. NAME OF APPLICANT 01/03/89 03/27/89 03/27/89 03/27/89 02/07/89 02/03/89 GEN. APPL. (* * (3) * Allegiance Winchester Protection Applied For." Cinnabar B2601 5262 5364 BEAN, FIELD 8900127 (ALFALFA 8900064 8900132 8900090 8900133 800068 BARLEY

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

NAME OF APPLICANT	Rogers Brothers Seed Company	Rogers Brothers Seed Company	Rogers Brothers Seed Company	International Seeds Inc.	Barenbrug Holland B.V.	Royal Sluis, Inc.	Ferry-Morse Seed Company	by variety name only as a class of certified seed. A number within parenthesis indicates the generations of certified seed permitted beyond breeder's seed. temporary designations.
GEN. APPL. (*) DATE	03/27/89	03/27/89	03/27/89	01/30/89	(3) 01/30/89	03/23/89	02/21/89	of certified seed. , mitted beyond breede
APPL. VARIETY NO.	BEAN, FIELD (Continued) 8900128 Flint	8900129 <080024>	BEAN, GARDEN 8900131 Bush Romano 635	BENTGRASS, CREEPING 8900086 Cobra	BLUEGRASS, KENTUCKY 8900085 Barsweet	CAULIFLOWER 8900126 Himalaya	CELERY 8900100 Hercules	<pre>(*) To be sold by variety name only as a class of certified seed. A number number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.</pre>

APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the		8900114 Bronco 360 03/13/89 Bronco Seed Company	United AgriSeeds, Inc. Wilson Hybrids, Inc. Wilson Hybrids, Inc. J. C. Robinson Seed Co. Southland Seed Company J & S Research Company J & S Research Company Bronco Seed Company	APPL. DATE 01/18/89 02/16/89 02/16/89 02/17/89 01/23/89 03/02/89	LD 1538 WIL900 WIL901 WIL903 CR14 Southland M1 HS-46 Deltapine 51 Bronco 360	CORN, FIE 8900075 8900092 8900094 8900095 COTTON 8900104 8900114
8900114 Bronco 360 03/13/89 Bronco Seed Company	Bronco 360 03/13/89		Delta & Pine Land Company	03/08/89	Deltapine 51	8900105
8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	Deltapine 51 03/08/89 Bronco 360 03/13/89	Deltapine 51 03/08/89	J & S Research Company, Inc.	03/02/89	HS-46	8900104
8900104 HS-46 8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	HS-46 03/02/89 Deltapine 51 03/08/89 Bronco 360 03/13/89	HS-46 03/02/89 Deltapine 51 03/08/89	Southland Seed Company	01/23/89	Southland M1	COTTON 8900078
COTTON 8900078 Southland M1 8900104 HS-46 8900105 Deltapine 51 8900114 Bronco 360 03/13/89 Bronco Seed Company	Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89 Bronco 360 03/13/89	Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89	J. C. Robinson Seed Co.	02/17/89	CR14	8900095
COTTON COL/17/89 J. C. Robinson Seed Co. 8900078 Southland M1 01/23/89 J. S. Research Company 8900104 HS-46 03/02/89 J. S. Research Company Inc. 8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89 Bronco 360 03/13/89	CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89	Wilson Hybrids, Inc.	02/16/89	WIL903	8900094
8900094 WIL903 02/16/89 Wilson Hybrids, Inc. 8900095 CR14 02/17/89 J. C. Robinson Seed Co. COTTON 8900078 Southland MI 01/23/89 Southland Seed Company 8900104 HS-46 03/02/89 J & S Research Company 8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	WIL903 02/16/89 CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89 Bronco 360 03/13/89	WIL903 02/16/89 CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89	Wilson Hybrids, Inc.	02/16/89	WIL901	8900068
8900093 WIL901 02/16/89 Wilson Hybrids, Inc. 8900094 WIL903 02/16/89 Wilson Hybrids, Inc. 8900095 CR14 02/17/89 J. C. Robinson Seed Co. 8900078 Southland M1 01/23/89 Southland Seed Company 8900104 HS-46 03/02/89 J & S Research Company 8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	WIL901 WIL903 WIL903 CR14 Southland M1 HS-46 Deltapine 51 Bronco 360 02/16/89 02/17/89 02/17/89 03/02/89	WIL901 02/16/89 WIL903 02/16/89 CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89 Deltapine 51 03/08/89	Wilson Hybrids, Inc.	02/16/89	WIL900	8900092
8900092 WIL900 02/16/89 Wilson Hybrids, Inc. 8900093 WIL901 02/16/89 Wilson Hybrids, Inc. 8900094 WIL903 02/16/89 Wilson Hybrids, Inc. 8900095 CR14 02/17/89 J. C. Robinson Seed Co. COTTON 8900104 HS-46 01/23/89 Southland Seed Company 8900105 Deltapine 51 03/02/89 J & S Research Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	WIL900 WIL901 WIL901 WIL903 CR14 CR14 Southland M1 NJ-46 Deltapine 51 Bronco 360 02/16/89 02/17/89 02/17/89 03/02/89	WIL900 02/16/89 WIL901 02/16/89 WIL903 02/16/89 CR14 02/17/89 Southland M1 01/23/89 HS-46 03/02/89	United AgriSeeds, Inc.	01/18/89	1.D 1538	CORN, FIE 8900075
CORN, FIELD 8900075 1538 01/18/89 United AgriSeeds, Inc. 8900092 WIL900 02/16/89 Wilson Hybrids, Inc. 8900093 WIL901 02/16/89 Wilson Hybrids, Inc. 8900094 WIL903 02/16/89 Wilson Hybrids, Inc. 8900095 CR14 02/17/89 J. C. Robinson Seed Co. 8900078 Southland MI 01/23/89 Southland Seed Company 8900104 HS-46 03/02/89 J & S Research Company 8900105 Deltapine 51 03/08/89 Delta & Pine Land Company 8900114 Bronco 360 03/13/89 Bronco Seed Company	FIELD 1538 WIL900 WIL901 WIL903 CR14 Southland M1 Southland M1 Bronco 360 01/18/89 02/16/89 02/16/89 02/17/89 02/17/89 03/02/89	TELD 1538 01/18/89 W1L900 02/16/89 W1L901 02/16/89 W1L903 CR14 CR14 Southland M1 N1-46 03/02/89 Deltapine 51 03/08/89	NAME OF AFFLICANI	APPL. DATE		NO.

APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

APPL. NO.	VARIETY	GEN.	GEN. APPL. (*) DATE	NAME OF APPLICANT
COTTON (Continued) 8900125 Rogers	ontinued) Rogers LG 86		03/20/89	Rogers LG Cottonseed Co.
COWPEA 8900113	Mississippi Pinkeye	(3)	(3) 03/13/89	Mississippi Agricultural and Forestry
CUCUMBER 8900073	Arkansas Little Leaf	(3)	(3) 01/17/89	Experiment Station M. J. Goode, J. L. Bowers and
FESCUE, TALI 8900069	ALL Chieftain		01/04/89	Arkansas Agriculturai Experiment Station Pickseed West Inc.
8900083	Barnone	(3)	(3) 01/30/89	Barenbrug Holland B.V.
HARDINGGRASS 8900076 0	ASS Oasis		01/18/89	Alabama Agricultural Experiment Station
LETTUCE 8900088	Champ		02/02/89	Genecorp, Inc.

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

NAME OF APPLICANT	Sakata Seed America, Inc.	Sakata Seed America, Inc.	Sakata Seed America, Inc.	Arthur Yates & Co. Pty. Ltd.	Arthur Yates & Co. Pty. Ltd.	Plant Genetics, Inc.	Harris Moran Seed Co.	Sluis & Groot Research
NAME	Sakat	Sakat	Sakat	Arthu	Arthu	Plant	Harri	Sluis
APPL. DATE	(*) 02/21/89	(*) 02/21/89	02/21/89	03/01/89	03/01/89	03/13/89	03/28/89	01/11/89
GEN.	(*)	(*)	*					
VARIETY	(Continued) <mx31-2></mx31-2>	<mx 214=""></mx>	<f4x-250></f4x-250>	Target	Bulls Eye	Bella Rosa	Don Juan	LOBELIA, ANNUAL 8900072 <l 16=""></l>
APPL. NO.	LETTUCE 8900097	8600068	8900099	8900102	8900103	8900110	8900137	LOBELIA 8900072

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

APPL. NO.	VARIETY	GEN. A (*) D	APPL. DATE	NAME OF APPLICANT
MARIGOLD 8900119	Nemanon	0	03/20/89	Cardo Construct
MUSKMELON 8900091	<m21></m21>	0	02/15/89	Northrup King Co.
0AT 8900117	Pennuda	(3) 0	(3) 03/16/89	Pennsylvania Agricultural Experiment
PARSNIP 8900115	Andover	0	03/14/89	Station and USDA-ARS Regents of the University of Minnesota
PEA 8900081	Impala	(3) 0	01/26/89	Cebeco-Handelsraad, Neth.
8900106	Reco	0	68/90/80	NESTEC S.A.
8900107	Nordic	0	03/08/89	Rogers Brothers Seed Company

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

APPL.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
PEANUT 8900116	NC 10C	(3)	(3) 03/14/89	North Carolina Agricultural Research
RAPE 8900134	Diadem		03/27/89	Calgene, Inc./King Grain Inc.
8900135	Ceres		03/27/89	Calgene, Inc./King Grain Inc.
8900136	Cobra		03/27/89	Calgene, Inc./King Grain Inc.
RICE 8900077	V7817		01/23/89	RiceTec Seed (Farms of Texas Co.)
8900101	M-103	(3)	02/24/89	California Cooperative Rice Research Foundation, Inc.
RYEGRASS, 8900084	RYEGRASS, PERENNIAL 900084 Barrage	(3)	01/30/89	Barenbrug Holland B.V.

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

		orestry					
NAME OF APPLICANT	International Seeds Inc.	Mississippi Agricultural & Forestry Experiment Station	Delta & Pine Land Company	Delta & Pine Land Company	FFR Cooperative	Northrup King Co.	Ferry-Morse Seed Company
APPL. DATE	03/30/89	(3) 02/24/89	01/25/89	01/31/89	68/90/£0	01/23/89	03/13/89
GEN.		(3)					
VARIETY	RYEGRASS, PERENNIAL (Continued) 900138 Dillon	Sharkey	Deltapine 726	Deltapine 415	FFR 398	K358	Yuba
APPL.	RYEGRASS, 8900138	SOYBEAN 8800148	8900080	8900087	8900109	T0BACC0 8900079	TOMATO 8900111

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

GEN. APPL.	03/20/89	02/21/89	(3) 01/17/89	03/13/89	(3) 03/20/89	(3) 03/20/89	(3) 03/20/89	(3) 03/20/89
APPL. VARIETY NO.	TOMATO (Continued) 8900118 Butte	WATERMELON 8900096 Jubilee II	WHEAT, COMMON 8900074 Karl	8900112 2548	8900120 Rio Blanco	8900121 Bronco	8900122 Sierra	8900123 Waco

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APPLICATIONS RECEIVED JANUARY 1, 1989 TO MARCH 31, 1989

31, 1989	NAME OF APPLICANT	/89 Agripro Biosciences Inc.	/89 Agripro Biosciences Inc.	/89 Farmers Marketing Corporation	03/06/89 T. M. Quinn
MARCH	GEN. APPL. (*) DATE	(3) 03/20/89	(3) 03/27/89	(3) 01/26/89	03/06,
JANUARY 1, 1989 TO MARCH 31, 1989	GEN (*)		(3)	(3)	
	VARIETY	WHEAT, COMMON (Continued) 8900124 Fjeld	Hancock	WHEAT, DURUM 8900082 Durex	WHEAT, POLISH 8900108 QK-77
	APPL. NO.	WHEAT, 8900124	8900130	WHEAT, 8900082	WHEAT, 8900108

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE JANUARY 1, 1989 TO MARCH 31, 1989

Variety Protection Act, varieties published in this list may possibly be protected under the Patent Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant

VARIETY	Earliserve	Landmark	Ross	Deltapine 51 *	Red Lakes	Janie Harmony	Aurora Fire
APPL. NO.	8600049	8600050	8300147	8900055	8800205	8800167	8800168
KIND	BEAN, GARDEN	BEAN, GARDEN	CLOVER, WHITE	COTTON	LETTUCE	MARIGOLD	MARIGOLD

< > Identifies temporary designations.

* Voluntarily withdrawn 12/27/88. Reapplied 03/08/89, Application No. 8900105.

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE JANUARY 1, 1989 TO MARCH 31, 1989

Variety Protection Act, varieties published in this list may possibly be protected under the Patent Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant

VARIETY	Aurora Gold	Sesaco 10	Sesaco 11	<83501>	Carson
APPL. NO.	8800169	8800128	8800129	8600025	8600157
KIND	MARIGOLD	SESAME	SESAME	WHEAT, COMMON	WHEAT, COMMON

< > Identifies temporary designations.

NAME OF OWNER	02/28/89 Plant Genetics, Inc. rumpetor'; however, 'York' has low 'Summit' are resistant. 'York' is tor' has low resistance.	(*) 03/31/89 United AgriSeeds, Inc. Hever, 'Allegiance' is more fall dormant Heater resistance to spotted alfalfa aphid (13 to Phytophthora root rot (34 vs 44% bacterial wilt (60 vs 71% resistant plants)	(2) 01/31/89 Research Corporation Technologies, Inc. and USDA-ARS ever, 'Niagara' is considerably earlier (seed an 'Pawnee'.	number within parenthesis indicates der's seed.
GEN. ISSUE (*) DATE	02/28/89 P' and 'Trumpetor'; l' dge' and 'Summit' an	however, 'Allegiance greater resistance re Phytophthora it to bacterial wilt	(2) 01/31/89 Re In however, 'Niagara' : than 'Pawnee'.	certified seed. A u
CERT. VARIETY NO.	ALFALFA 8800119 York 8800119 York 'York' is most similar to 'Edge', 'Summit', and 'Trumpetor'; however, 'York' has low resistance to Verticillium wilt whereas 'Edge' and 'Summit' are resistant. 'York' is resistant to Phytophthora root rot whereas 'Trumpetor' has low resistance.	8900064 Allegiance 'Allegiance' is most similar to 'DK 125'; however, 'Allegiance' is more fall dormant (equivalent to 'Ranger' vs 'Saranac'), has greater resistance to spotted alfalfa aphid (13 vs 1% resistant plants), has less resistance to Phytophthora root rot (34 vs 44% resistant plants), and has less resistance to bacterial wilt (60 vs 71% resistant plants) than 'DK 125'.	BLUESTEM, BIG 8800020 Niagara Inc. and USDA-ARS 'Niagara' most nearly resembles 'Pawnee'; however, 'Niagara' is considerably earlier (seed at soft dough stage vs 50% yellow anthers) than 'Pawnee'.	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

NAME OF OWNER	01/31/89 W. Atlee Burpee Company er 'Early Sunrise' produces flowers 45 from 'Sunray' in flower color, Royal vs Yellow 143 for 'Sunray'.	03/31/89 Northrup King Co. as only the central tassel spike whereas the central spike.	03/31/89 Northrup King Co. has yellow anthers whereas 'B73' has	03/31/89 Cargill, Inc. ' has bronze-colored kernels whereas	
GEN. ISSUE (*) DATE	01/31/89 '; however 'Early differs from 'Su old 17C vs Yellow	03/31/89 '787' has only t ition to the cent	03/31/89 'W8304' has yell	03/31/89 , '11430' has bro	
VARIETY	0PSIS, PERENNIAL 8800196 Early Sunrise Larly Sunrise 'Early Sunrise's however 'Early Sunrise' produces flowers 45 days earlier, has plants 8 cm shorter, and differs from 'Sunray' in flower color, Royal Horticultural Society (RHS) Colour Chart Gold 17C vs Yellow 14B for 'Sunray'.	ELD 029 787 c	032 W8304 Similar to 'B73'; however, 'W8304' has yellow anthers whereas 'B73' has light purple anthers.	03/31/89 Cargill, Inc. '11430' is most similar to 'OH43'; however, '11430' has bronze-colored kernels whereas 'OH43' has yellow kernels.	
CERT.	COREOPSIS, PERENNIAL 8800196 Early S Early Sunri days earlier Horticultura	CORN, FIELD 8800029 787 '787' is 'Mo 17' I	8800032 W8304 'W8304' is light purp	8800177 11430 '11430' is '0H43' has	

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NAME OF OWNER	03/31/89 Cargill, Inc. as 16 kernel rows and 35% round kernels round kernels.	01/31/89 DeKalb-Pfizer Genetics '87916W' has white kernels and white bs.	01/31/89 DeKalb-Pfizer Genetics ' has pink cobs whereas 'A295' has red	02/28/89 DeKalb-Pfizer Genetics '' differs from 'A619Ht' in days from 50% : (215 vs 186 cm), and ear height (80 vs
I SSUE DATE	03/31/89 has 16 ke) % round ke	01/31/89 '87916W' obs.	01/31/89 2' has pir	02/28/89 T' differs t (215 vs
GEN.	'2369' than 20°	owever, d red c	, '2MA2	r, 'MBS t heigh
CERT. VARIETY NO.	CORN, FIELD (Continued) 8800178 2369 '2369' is most similar to 'B73'; however, '2369' has 16 kernel rows and 35% round kernels whereas 'B73' has 18 kernel rows and less than 20% round kernels.	8800189 87916W 187916W 1873Ht'; however, '87916W' has white kernels and white cobs whereas '8731fW' has white kernels and white	8800193 2MA22 '2MA22' is most similar to 'A295'; however, '2MA22' has pink cobs whereas 'A295' has red cobs.	8800194 MBST NBST NATION NATION

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

	Inc.	Inc.	Inc.	Inc.
NAME OF OWNER	01/31/89 Pioneer Hi-Bred International, Inc. has red anthers and green silks whereas	01/31/89 Pioneer Hi-Bred International, Inc. 12' has yellow anthers and salmon-colored ss.	01/31/89 Pioneer Hi-Bred International, Inc. has red cobs whereas 'G39' has white	02/28/89 Pioneer Hi-Bred International, Inc. has purple anthers and white cobs
ISSUE	01/31/89 has red	01/31/89 02' has ye cs.	01/31/89 has red	02/28/89 has purp
GEN.	'PHM49' silks.	r, 'PHPC	'PHR47	'PHT10' obs.
CERT. VARIETY NO.	CORN, FIELD (Continued) 8800211 PHM49 'PHM49' is most similar to 'G35'; however, 'PHM49' has red anthers and green silks whereas 'G35' has yellowish-brown anthers and red silks.	8800212 PHP02 Olympian to 'PHG29'; however, 'PHP02' has yellow anthers and salmon-colored silks whereas 'PHG29' has red anthers and red silks.	8800213 PHR47 'PHR47' is most similar to 'G39'; however, 'PHR47' has red cobs whereas 'G39' has white cobs.	8800214 PHT10 1-Bred Internation 02/28/89 Pioneer Hi-Bred Internation PHT10 is most similar to 'B73'; however, 'PHT10 has purple anthers and white cobswhereas 'B73' has yellow anthers and red cobs.

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GEN. ISSUE NAME OF OWNER (*) DATE	02/28/89 Pioneer Hi-Bred International, Inc. HW52' has purple anthers and light green leaf rk green leaf color.	02/28/89 Pioneer Hi-Bred International, Inc. HH93' has purple anthers and brown cobs	03/31/89 Pioneer Hi-Bred International, Inc. HN47' has purple anthers and green silks	03/31/89 Pioneer Hi-Bred International, Inc. HR32' has purple anthers and green silks S.	tified seed. A number within parenthesis indicates
CERT. VARIETY NO.	CORN, FIELD (Continued) 8800215 PHW52 'PHW52' is most similar to 'B73'; however, 'PHW52' has purple anthers and light green leaf color whereas 'B73' has yellow anthers and dark green leaf color.	8800216 PHH93 Orear Hi-Bred Internat 'PHH93' has purple anthers and brown cobs whereas '207' has red anthers and red cobs.	8800217 PHN47 'PHN47' is most similar to '207'; however, 'PHN47' has purple anthers and green silks whereas '207' has red anthers and red silks.	8800218 PHR32 'PHR32' is most similar to 'G35'; however, 'PHR32' has purple anthers and green silks whereas 'G35' has yellow anthers and red silks.	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates

TY GEN. ISSUE NAME OF OWNER (*) DATE	ELD (Continued) 2219 PHT60 'PHT60' is most similar to 'PHR36'; however 'PHT60' has white cobs whereas 'PHR36' has red cobs.	03/31/89 Pioneer Hi-Bred International, Inc. 'PHW79' is most similar to 'G35'; however, 'PHW79' has red anthers whereas 'G35' has yellow anthers.	TALL 170 Cattle Club Cattle Club Cattle Club (1/31/89 FFR Cooperative Cattle Club' is most similar to 'Ky-31'; however, 'Cattle Club' has darker leaves (medium dark vs medium light green) and matures later (4.7 vs 3.5 where 1=anthesis, 9=vegetative) than 'Ky-31'.	NUCE 8600150 Bounty 'Bounty' is most similar to 'Salinas'; however, 'Bounty' has white seed whereas 'Salinas' has black seed.	(*) To be sold by variety name only as a class of certified seed. A number within namenthesis indicates
VARIETY	CORN, FIELD (Continued) 8800219 PHT60 'PHT60' is most scobs.	220 PHW79 'PHW79' is most s yellow anthers.	UE, TALL 8800170 Cattle Club 'Cattle Club' is dark vs medium li than 'Ky-31'.	150 Bounty 'Bounty' is most has black seed.	old by variety
CERT.	CORN, FIELD (Conti 8800219 PHT60 'PHT60' is cobs.	8800220 PHW79 'PHW79' is yellow antl	FESCUE, TALL 8800170 'Cat dark	LETTUCE 8600150 Bou has	(*) To be so

GEN. ISSUE NAME OF OWNER (*) DATE	(Continued) 023 Redprize 'Redprize' is most similar to 'Prizehead'; however, 'Redprize' has a larger frame diameter (40.4 vs 37.2 cm) and shorter seedstalk (55.8 vs 71.0 cm) than 'Prizehead'.	023 Fanfare 'Fanfare' is most similar to 'Grand Rapids-Waldmann's Green'; however, 'Fanfare' has more rapid growth expressed as a taller (22.3 vs 20.2 cm) and wider (33.1 vs 30.3 cm) plant.	03/31/89 Ferry-Morse Seed Company 'Garnet' is most similar to 'Seoul Ruby'; however, 'Garnet' is a shorter plant at market maturity (31.92 vs 33.41 cm) and is later flowering (103 vs 98 days) than 'Seoul Ruby'.	02/28/89 Johnny's Selected Seeds and	'Rosalita' is most similar to 'Rouge D'Hiver'; however, 'Rosalita' is earlier to head, more upright in growth habit, glossier, and slightly more blistered than 'Rouge D'Hiver'. The leaf color of 'Rosalita' is brown-red (burgundy) as opposed to warm red for 'Rouge D'Hiver'.	*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicate: the number of generations of certified seed permitted beyond breeder's seed.
CERT. VARIETY NO.	ETTUCE (Continued) 8700023 Redprize 'Redprize' is most similar to 'Prizehead'; however, 'Redprize' has a larger (40.4 vs 37.2 cm) and shorter seedstalk (55.8 vs 71.0 cm) than 'Prizehead'.	8800023 Fanfare 'Fanfare' is most similar to 'Grand Rapids rapid growth expressed as a taller (22.3 \	8800027 Garnet 'Garnet' is most similar to 'Seoul Ruby'; maturity (31.92 vs 33.41 cm) and is later	8900002 Rosalita	'Rosalita' is most similar to 'Rouge D'Hiv more upright in growth habit, glossier, ar D'Hiver'. The leaf color of 'Rosalita' is 'Rouge D'Hiver'.	t) To be sold by variety name only as a class of certified seed. A number with the number of generations of certified seed permitted beyond breeder's seed.

	CERT.	VARIETY	GEN.	ISSUE DATE	NAME OF OWNER
PEA	8700148 Frolic 'Frolic' is has smaller	01/31/89 Gallatin Valley Seed Co. 'Frolic' is most similar to 'Early Freezer 680'; however, 'Frolic' is 5 cm shorter and has smaller seeds (5,159 vs 4,277 seeds per kilogram) than 'Early Freezer 680'.	680'; he kilogra	01/31/89 owever, ' am) than	01/31/89 Gallatin Valley Seed Co. owever, 'Frolic' is 5 cm shorter and am) than 'Early Freezer 680'.
	8800206 Irby Scotch 'Irby Scotch' is pea enation mosa'	206 Irby Scotch 'Irby Scotch' is most similar to 'Campbell Scotch'; however, 'Irby Scotch' is resistant to pea enation mosaic virus whereas 'Campbell Scotch' is susceptible.	Scotch's Scotch')1/31/89 ; however is susce	01/31/89 Campbell Soup Company; however, 'Irby Scotch' is resistant to is susceptible.
PEPPER 88	00	202 Vegi-Sweet 'Vegi-Sweet' most closely resembles 'Jalapeno' in fruit size and shape and 'Yolo Wonder' in fruit color, flavor, texture, and plant habit. However, 'Vegi-Sweet' fruit contain only 0 to 20 seeds whereas 'Jalapeno' and 'Yolo Wonder' fruit contain 200 to 300 seeds.	no' in i habit. Yolo Wol)2/28/89 fruit siz However, nder' fru	02/28/89 DNA Plant Technology Corporation fruit size and shape and 'Yolo Wonder' However, 'Vegi-Sweet' fruit contain inder' fruit contain 200 to 300 seeds.
SOYBEAN 870	0	113 S29-20 'S29-20' is most similar to 'A2943'; however, 'S29-20' has a yellow hilum whereas 'A2943' has an imperfect black hilum.	r, 'S29.	02/28/89 -20' has	02/28/89 Northrup King Co. 9-20' has a yellow hilum whereas 'A2943'
*	To be sold b the number o	To be sold by variety name only as a class of certified seed. A number with the number of generations of certified seed permitted beyond breeder's seed.	ertifie mitted b	d seed. beyond br	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

NAME OF OWNER	01/31/89 Nickerson American Plant Breeders, Inc.	'AP 2021' is most similar to 'RS 2300'; however, 'AP 2021' has low seed coat peroxidase activity whereas 'RS 2300' has high seed coat peroxidase activity. 'AP 2021' has 20-39% hypocotyl emergence whereas 'RS 2300' has 60-79% emergence when seeds are planted 10 cm deep in sand at 25 degrees C.	01/31/89 Nickerson American Plant Breeders,	32'; however, 'AP 3977' is 79' and 'Williams 82' are	02/28/89 Asgrow Seed Company 'A5403' most closely resembles 'Essex', 'Stafford', and 'York'; however, 'A5403' is resistant to soybean cyst nematode races 3 and 4 whereas 'Essex', Stafford', and 'York' are susceptible.	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
I SSUE DATE	01/31/8	'AP 2021 oxidase emergenc	01/31/8	illiams illiams	02/28/8 , and ' whereas	ed seed. beyond
GEN.		llar to 'RS 2300'; however, ' 2300' has high seed coat per nereas 'RS 2300' has 60-79% e grees C.		'AP 3977' is most similar to 'Williams 79' and 'Williams 82'; however, 'AP 3977' is resistant to iron deficiency chlorosis whereas 'Williams 79' and 'Williams 82' are susceptible.	02/28/89 Asgrow Seed Company 'A5403' most closely resembles 'Essex', 'Stafford', and 'York'; however, 'A5403' is resistant to soybean cyst nematode races 3 and 4 whereas 'Essex', Stafford', and 'Yoare susceptible.	To be sold by variety name only as a class of certified seed. A number with the number of generations of certified seed permitted beyond breeder's seed.
CERT. VARIETY NO.	SOYBEAN (Continued) 8800124 AP 2021	'AP 2021' is most similar to 'activity whereas 'RS 2300' has hypocotyl emergence whereas 'F deep in sand at 25 degrees C.	8800125 AP 3977	'AP 3977' is most sim resistant to iron def susceptible.	8800151 A5403 'A5403' most closely resistant to soybean are susceptible.	(*) To be sold by variety nam the number of generations

	Inc.	Inc.
NAME OF OWNER	01/31/89 Pioneer Hi-Bred International, Inc. 71', '9292', and 'Pella'; however, '9301' hila whereas '9271' and '9292' have activity whereas 'Century' and 'Pella'	01/31/89 Pioneer Hi-Bred International, Inc., '9501' is susceptible to races 3 and 4 Egyptian' is resistant.
GEN. ISSUE (*) DATE	01/31/89 71', '929; hila whe activity	01/31/89 ,'9501' Egyptian
GEN.	y', '927 s black oxidase	however
VARIETY	(Continued) 165 9301 19301 is most similar to 'A3127', 'Century', '9271', '9292', and 'Pella'; however, '9301 matures 6 days earlier than 'A3127' and has black hila whereas '9271' and '9292' have brown hila. '9301' has high seed coat peroxidase activity whereas 'Century' and 'Pella' have low seed coat peroxidase activity.	166 9501 '9501' most closely resembles 'Egyptian'; however, '9501' is susceptible to races 3 and 4 of the cyst nematode Heterodera glycines whereas 'Egyptian' is resistant.
CERT. NO.	SOYBEAN (Continued) 8800165 9301 '9301' is m matures 6 d brown hila.	8800166 9501 '9501' mo of the cy

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

174 A3415 A3415 Cartter', 'Fayette', and 'A3307'; however, 'A3415' matures Adays earlier than 'Cartter', 2 days earlier than 'A3307', and 3 days later than

8800174 A3415

GEN. ISSUE NAME OF OWNER (*) DATE	(Continued) 02/28/89 Asgrow Seed Company 175 A4009 175 A4009 176 A4009 177 A4009 178 A4009 178 A4009 178 A4009 178 A4009 178 A4271 179 A4271 179 A4271 179 A4271 179 A4271 179 A4009 179 A4009 179 A4009 179 A4009 179 A4009	136 Peto 111 Ostosely resembles 'Hunt 100'; however, 'Peto 111' has higher soluble solids (5.82 vs 5.52%) and larger fruit (78.98 vs 73.56 g) than 'Hunt 100'.	OMMON 106 Rodeo 10731/89 HybriTech Seed International, Inc. 108 Rodeo is most similar to 'Centurk' and 'Centurk 78' except 'Rodeo' has oblique glume shoulders whereas 'Centurk' and 'Centurk 78' have rounded to square glume shoulders. 1. Rodeo' is 2 to 3 cm shorter and heads 1 to 2 days earlier than 'Centurk' and 'Centurk 78'.	(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
CERT. VARIETY NO.	SOYBEAN (Continued) 8800175 A4009 'A4009' most closely resembles is resistant to races 3 and 4 and 'A4271' are susceptible.	TOMATO 8600136 Peto 111 'Peto 111' most closely resemb solids (5.82 vs 5.52%) and lar	WHEAT, COMMON 8500106 Rodeo Rodeo' is most similar to 'Ce shoulders whereas 'Centurk' an 'Rodeo' is 2 to 3 cm shorter a 78'.	(*) To be sold by variety name only as a the number of generations of certifi

NAME OF OWNER	(3) 02/28/89 World Seeds, Inc. rr, at maturity the glumes and awns of 'Tammy' ourtney' are reddish brown. 'Tammy' is 5	(2) 03/31/89 The Ohio State University Ohio Agricultural Research and Development Center er, 'GR860' heads 4 days earlier than 'Adena' (normally less than 5 mm) than those of from the auricles of 'GR860' but are often eaction of 'GR860' is black while that of
GEN. ISSUE	(3) 02/28/89 nowever, at maturity of 'Courtney' are re	(2) 03/31/89 however, 'GR860' he forter (normally lessent from the auricenol reaction of 'GF
CERT. VARIETY NO.	WHEAT, COMMON (Continued) 8600038 Tammy 'Tammy' is most similar to 'Courtney'; however, at maturity the glumes and awns of 'Tammy' are white, whereas the glumes and awns of 'Courtney' are reddish brown. 'Tammy' is 5 cm shorter than 'Courtney'.	8700138 GR860 Shio Agricultural Research and Ohio Agricultural Research and Development Center GR860' most closely resembles 'Adena'; however, 'GR860' heads 4 days earlier than 'Adena' and the apical awnlets of 'GR860' are shorter (normally less than 5 mm) than those of 'Adena' (normally 2-3 cm). Hairs are absent from the auricles of 'GR860' but are often present on the auricles of 'Adena'. Phenol reaction of 'GR860' is black while that of 'Adena' is fawn.

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

GEN. ISSUE NAME OF OWNER (*) DATE		Development Center GR863' most closely resembles 'Titan'; however, 'GR863' is fully awned at heading whereas 'Titan' is only apically awnleted. 'GR863' is 6 days earlier in heading and 10 cm shorter than 'Titan' in mature plant height. At maturity, 'GR863' is brown chaffed while 'Titan' is white chaffed.	01/31/89 Northrup King Co. 'Coker 9733' most closely resembles 'Tyler' except 'Coker 9733' has superior resistance to powdery mildew (0.3 vs 2.6 on a scale of 0 = no disease, 9 = severe disease), stem rust (0 vs 8.0) and leaf rust (0.3 vs 6.3).	(3) 01/31/89 The Board of Regents, The University	Cody' is most similar to 'Centurk 78' and 'Centura' except 'Cody' has shorter (6.9 vs 8.1 mm) glumes, higher 1000 kernel weight (i.e., larger seeds) and superior tolerance to ephalosporium stripe than 'Centurk 78'. 'Cody' has longer (average 5.6 vs 3 mm) glume seaks than 'Centura'.
CERT. VARIETY NO.	WHEAT, COMMON (Continued) 8700139 GR863	'GR863' most closely resembles 'Titan'; howe 'Titan' is only apically awnleted. 'GR863' than 'Titan' in mature plant height. At mat is white chaffed.	8700159 Coker 9733 'Coker 9733' most closely resembles 'Tyler' powdery mildew (0.3 vs 2.6 on a scale of 0 = vs 8.0) and leaf rust (0.3 vs 6.3).	8700167 Cody	'Cody' is most similar to 'Centurk 78' and 'Centura' except 'Cody' has shorter (6.9 vs.mm) glumes, higher 1000 kernel weight (1.e., larger seeds) and superior tolerance to Cephalosporium stripe than 'Centurk 78'. 'Cody' has longer (average 5.6 vs 3 mm) glume beaks than 'Centura'.

NAME OF OWNER	(3) 01/31/89 The Board of Regents, The University of Nebraska	t height of 'Redland' is 4 cm h of 'Redland' is shorter (2.5 vs	01/31/89 Pioneer Hi-Bred International, Inc. is semi-erect in juvenile growth habit and chises. '2172' has an erect juvenile ernode of its rachises. The glume shoulder der shape of '2172' is elevated.
GEN. ISSUE	01/31/89	ature plan beak lengt	01/31/89 is semi-e achises. ternode of lder shape
GEN.	(3)	the m lume	2180' its r st in shou
CERT. VARIETY NO.	WHEAT, COMMON (Continued) 8700168 Redland	'Redland' is most similar to 'Brule' except the mature plant height of 'Redland' is 4 cm shorter than that of 'Brule'. The average glume beak length of 'Redland' is shorter (2.5 vs 3.6 mm) than that of 'Brule'.	8700202 2180 '2180' is most similar to '2172'; however, '2180' is semi-erect in juvenile growth habit and hairs are absent from the last internode of its rachises. '2172' has an erect juvenile growth habit and hairs are present on the last internode of its rachises. The glume shoulder shape of '2180' is square, whereas the glume shoulder shape of '2172' is elevated.

02/28/89 Pioneer Hi-Bred International, Inc. '2375' is most similar to '2385'; however, '2375' has oblique glume shoulders at maturity and a waxy bloom on the stem and leaves at booting, whereas '2385' has square shoulders at maturity and no waxy bloom on the stem and leaves at boot stage. Also, '2375' is 1 day later in heading and physiological maturity than '2385'. The 1000 kernel weight of '2375' is greater (35 vs 30 gm) than that of '2385'. (*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

NAME OF OWNER	(3) 02/28/89 Kansas Agricultural Experiment	station resistant to wheat soilborne shorter coleoptiles (84-85 vs	(3) 02/28/89 Kansas Agricultural Experiment	station he coleoptiles of 'Dodge' are (93-94 vs 111-119 mm) than cm (mean 6 cm) shorter than be of Hessian fly whereas
GEN. ISSUE (*) DATE	(3) 02/28/89	', 'Norkan' is' 'Norkan' has	(3) 02/28/89	in'; however, t ron' and short '' is 2.5 to 10 it Plains bioty
CERT. VARIETY NO.	WHEAT, COMMON (Continued) 8800033 Norkan	'Norkan' is most similar to 'Larned'; however, 'Norkan' is resistant to wheat soilborne mosaic virus whereas 'Larned' is susceptible. 'Norkan' has shorter coleoptiles (84-85 vs 111-114 mm) than 'Larned'.	8800034 Dodge	'Dodge' is most similar to 'Newton' and 'Arkan'; however, the coleoptiles of 'Dodge' are longer (93-94 vs 87-88 mm) than those of 'Newton' and shorter (93-94 vs 111-119 mm) than those of 'Arkan'. The plant height of 'Dodge' is 2.5 to 10 cm (mean 6 cm) shorter than 'Newton'. 'Dodge' is susceptible to the Great Plains biotype of Hessian fly whereas 'Arkan' is resistant.

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

NAME OF OWNER	(3) 01/31/89 Nickerson American Plant Breeders,	inc. reler' has bronze chaff at 102' has white chaff at maturity 7.3 mm) and shorter glume beaks	(2) 03/31/89 The Ohio State University Ohio Agricultural Research and Development Center r, 'GR876' is 3.5 days later heading than dery mildew and leaf rust at various Ohio
GEN. ISSUE (*) DATE	(3) 01/31/89	however, 'Trav reas 'Florida 3 glumes (6.7 vs	(2) 03/31/89 er, 'GR876' is wdery mildew ar
CERT. VARIETY NO.	WHEAT, COMMON (Continued) 8800080 Traveler	'Traveler' is most similar to 'Florida 302'; however, 'Traveler' has bronze chaff at maturity and an erect (non-nodding) head whereas 'Florida 302' has white chaff at maturity and a nodding head. 'Traveler' has shorter glumes (6.7 vs 7.3 mm) and shorter glume beaks (2.6 vs 3.9 mm) than 'Florida 302'.	8800121 GR876 Ohio State University Ohio Agricultural Research Development Center 'GR876' most closely resembles 'Hart'; however, 'GR876' is 3.5 days later heading than 'Hart' and is resistant to field races of powdery mildew and leaf rust at various Ohio locations whereas 'Hart' is very susceptible.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

NAME OF OWNER	(*) 03/31/89 Western Plant Breeders, Inc. 81'; however, 'WestBred 883' is 3 to 7 days ellow anthers and no anthocyanin present in e anthers and anthocyanin present in its ages one and one-half pounds per bushel
ISSUE	03/31/89 however, v anthers thers and o
GEN: (*)	(*) ed 881'; as yellov urple an1 averages
VARIETY	f, DURUM 8800233 WestBred 883 WestBred 883' is most similar to 'WestBred 881'; however, 'WestBred 883' is 3 to 7 days earlier heading than 'WestBred 881' and has yellow anthers and no anthocyanin present in its auricles whereas 'WestBred 881' has purple anthers and anthocyanin present in its auricles. Test weight of 'WestBred 883' averages one and one-half pounds per bushel
CERT.	WHEAT, DURUM 8800233 'Wes' earl its aurig

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES AMENDED JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

NAME OF OWNER	03/31/89 United AgriSeeds, Inc.	der's seed changed from 2
1	0	bree
ISSUE DATE	03/31/8	beyond
GEN.	(*)	seed permitted
VARIETY	.FA 8900064 Allegiance	Number of generations of certified seed permitted beyond breeder's seed changed from 2 to unlimited number of generations.
CERT. NO.	ALFALFA 8900064	Numt to t

12/30/82 Daehnfeldt Inc. BROMEGRASS, SWEET 8200096 Deborah

Name of owner changed from Pacific Seed Production Co. to Daehnfeldt Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

CERTIFICATES AMENDED JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

GEN. ISSUE NAME OF OWNER (*) DATE	(*) 03/24/83 Germain's, Inc.	Name of owner changed from Germain's, Inc., a California corporation to Germain's, Inc., a Delaware corporation.	(*) 03/24/83 Germain's, Inc.	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.	<pre>(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.</pre>
		ermain's, Inc., a		ermain's, Inc., a	as a class of cert ons of certified s s.
VARIETY	ON 8100060 Germain's Acala GC-363	Name of owner changed from G a Delaware corporation.	8100061 Germain's Acala GC-445	Name of owner changed from G a Delaware corporation.	(*) To be sold by variety name only as indicates the number of generation < > Identifies temporary designations.
CERT. NO.	COTTON 8100060	Name a De [·]	8100061	Name a De	(*) To be so indicate < > Identifi

JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and

180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT.	VARIETY	GEN.	GEN. ISSUE (*) DATE	NAME OF OWNER
COTTON 8100062	JN 3100062 Germain's Acala GC-555	(*)	03/24/83	(*) 03/24/83 Germain's, Inc.
Name a De	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.	a Cal	ifornia co	rporation, to Germain's, Inc.,

a Delaware corporation.

Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc.,

(*) 03/24/83 Germain's, Inc.

Germain's Acala GC-510

8200166

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

CERTIFICATES AMENDED JANUARY 1, 1989 TO MARCH 31, 1989

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

JE NAME OF OWNER	(*) 09/28/84 Germain's, Inc.	ia corporation, to Germain's, Inc.,	12/27/85 Delta Pine and Land Company
GEN. ISSUE (*) DATE	82/60	iforn	12/2
GEN.	*	a Cal	
CERT. VARIETY NO.	COTTON 8400129 Germain's Acala GC-362	Name of owner changed from Germain's, Inc., a California corporation, to Germain's, Inc., a Delaware corporation.	8500154 Terra C-40

12/27/85 Delta Pine and Land Company Name of owner changed from Terra International, Inc. to Delta Pine and Land Company. 8500155 Terra C-30

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis Name of owner changed from Terra International, Inc. to Delta Pine and Land Company. indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act. 36

NAME OF OWNER	
. ISSUE DATE	
GEN:	
VARIETY	
CERT.	SFAN

Name of owner changed from J. M. Schultz Seed Company to BioTechnica Agriculture, Inc.

7900025 Victor

04/12/79 BioTechnica Agriculture, Inc.

Name of owner is changed from Germain's, Inc., a California corporation to Germain's, Inc., (3) 12/20/76 Germain's, Inc. 7600079 W-444 WHEAT, COMMON

a Delaware corporation.

^(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed. < > Identifies temporary designations.

§180.175 Fees and charges -- effective April 20, 1989

The following fees and charges apply to the services and actions specified below:

(b)	Filing the application and notifying public of filing\$250 Search or examination
	of issuance
(d)	Revive an abandoned application
(e)	Reproduction of records, drawings, certificates, exhibits, or
	printed material (copy per page of material) 1
	Authentication (each page) 1
	Correcting or reissuance of a certificate
(h)	Recording assignments (per certificate/application)
(i)	Copies of 8 x 10 photographs in color
	Additional fee for reconsideration
	Additional fee for late payment
	Additional fee for late replenishment of seed
(m)	Appeal to Secretary (refundable if appeal overturns the
	Commissioner's decision)2,400

- (n) Field inspections by a representative of the Plant Variety Protection Office made at the request of the applicant shall be reimbursable in full (including travel, per diem or subsistence, and salary) in accordance with Standardized Government Travel Regulations.
- (o) Any other service not covered above will be charged for at rates prescribed by the Commissioner, but in no event shall they exceed \$40 per employee-hour.

Fee schedule amended and published in the Federal Register, Vol. 54, No. 53, March 21, 1989, pp. 11487-11489.

(The above replaces Section 180.175 on page 40 of the Regulations and Rules of Practice under the Plant Variety Protection Act.)

GENERAL INFORMATION

Dr. Thomas A. Salt has joined the staff of the Plant Variety Protection Office as of March 13, 1989, as a Plant Examiner. Dr. Salt comes to us from the Department of Botany at the University of Maryland where he had been Assistant to the Chairman since 1985.

Mr. Al Burgoon, a Plant Examiner with our Office since 1985, resigned in February. We hope to have all Plant Examiner positions filled within the next few months.



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
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